

## ANALYTICAL REPORT

Job Number: 510-50033-1

Job Description: Weekly

For:

United Transportation Group Inc.

1150 East 145 Street

East Chicago, IN 46312

Attention: Mr. Fred Davis

*Diana Mockler*

Approved for release.  
Diana J Mockler  
Project Manager I  
3/11/2010 10:47 AM

Diana J Mockler  
Project Manager I  
diana.mockler@testamericainc.com  
03/11/2010

The test results in this report meet all NELAC requirements for parameters which accreditation is required or available. Any exceptions to NELAC requirements are noted in this report. Pursuant to NELAC, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the Project Manager who signed this test report. Valparaiso IL EPA Accreditation #100432.

RECEIVED

FEB 20 2013

WATER ENFORCEMENT & COMPLIANCE  
ASSURANCE BRANCH, EPA, REGION 5

TestAmerica Laboratories, Inc.

TestAmerica Valparaiso 2400 Cumberland Drive, Valparaiso, IN 46383

Tel (219) 464-2389 Fax (219) 462-2953 [www.testamericainc.com](http://www.testamericainc.com)



## METHOD SUMMARY

Client: United Transportation Group Inc.

Job Number: 510-50033-1

Description		Lab Location	Method	Preparation Method
Matrix	Water			
HEM and SGT-HEM		TAL VAL	1664A 1664A	

### Lab References:

TAL VAL = TestAmerica Valparaiso

### Method References:

1664A = EPA-821-98-002

## METHOD / ANALYST SUMMARY

Client: United Transportation Group Inc.

Job Number: 510-50033-1

Method	Analyst	Analyst ID
1664A 1664A	Talley, KeAndri S	KST

## SAMPLE SUMMARY

Client: United Transportation Group Inc.

Job Number: 510-50033-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
510-50033-1	URS 8973	Water	03/02/2010 1000	03/03/2010 1100



## **SAMPLE RESULTS**

Mr. Fred Davis  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, IN 46312

Job Number: 510-50033-1  
Lab Sample Id: 510-50033-1  
Client Matrix: Water  
Date Sampled: 03/02/2010 1000  
Date Received: 03/03/2010 1100

Client Sample ID: URS 8973

**GENERAL CHEMISTRY**

HEM (Oil & Grease)

Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
40	mg/L	2.1	1664A		03/10/2010 1046	1.1

---

## **QUALITY CONTROL RESULTS**

## Quality Control Results

Client: United Transportation Group Inc.

Job Number: 510-50033-1

### Method Blank - Batch: 510-60578

Method: 1664A  
Preparation: N/A

Lab Sample ID: MB 510-60578/1  
Client Matrix: Water  
Dilution: 1.02  
Date Analyzed: 03/10/2010 1046  
Date Prepared: N/A

Analysis Batch: 510-60578  
Prep Batch: N/A  
Units: mg/L

Instrument ID: GBALA  
Lab File ID: N/A  
Initial Weight/Volume: 1000 mL  
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	RL
HEM (Oil & Grease)	<2.0		2.0

### Lab Control Sample/

### Lab Control Sample Duplicate Recovery Report - Batch: 510-60578

Method: 1664A  
Preparation: N/A

LCS Lab Sample ID: LCS 510-60578/2  
Client Matrix: Water  
Dilution: 1.02  
Date Analyzed: 03/10/2010 1046  
Date Prepared: N/A

Analysis Batch: 510-60578  
Prep Batch: N/A  
Units: mg/L

Instrument ID: GBALA  
Lab File ID: N/A  
Initial Weight/Volume: 1000 mL  
Final Weight/Volume: 1000 mL

LCSD Lab Sample ID: LCSD 510-60578/3  
Client Matrix: Water  
Dilution: 1.02  
Date Analyzed: 03/10/2010 1046  
Date Prepared: N/A

Analysis Batch: 510-60578  
Prep Batch: N/A  
Units: mg/L

Instrument ID: GBALA  
Lab File ID: N/A  
Initial Weight/Volume: 1000 mL  
Final Weight/Volume: 1000 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
HEM (Oil & Grease)	88	90	78 - 114	3	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Login Sample Receipt Check List

Client: United Transportation Group Inc.

Job Number: 510-50033-1

Login Number: 50033

Creator: Looney, Christina M

List Number: 1

List Source: TestAmerica Valparaiso

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

**TestAmerica**  
THE LEADER IN ENVIRONMENTAL TESTING

[illegible]

## ANALYTICAL REPORT

Job Number: 510-51171-1

Job Description: Weekly

For:

United Transportation Group Inc.

1150 East 145 Street

East Chicago, IN 46312

Attention: Mr. Fred Davis



Approved for release.  
Diana J Mockler  
Project Manager I  
4/13/2010 12:41 PM

Diana J Mockler

Project Manager I

diana.mockler@testamericainc.com

04/13/2010

The test results in this report meet all NELAC requirements for parameters which accreditation is required or available. Any exceptions to NELAC requirements are noted in this report. Pursuant to NELAC, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the Project Manager who signed this test report. Valparaiso IL EPA Accreditation #100432.

TestAmerica Laboratories, Inc.

TestAmerica Valparaiso 2400 Cumberland Drive, Valparaiso, IN 46383

Tel (219) 464-2389 Fax (219) 462-2953 [www.testamericainc.com](http://www.testamericainc.com)



## METHOD SUMMARY

Client: United Transportation Group Inc.

Job Number: 510-51171-1

Description		Lab Location	Method	Preparation Method
Matrix	Water			
HEM and SGT-HEM		TAL VAL	1664A 1664A	

### Lab References:

TAL VAL = TestAmerica Valparaiso

### Method References:

1664A = EPA-821-98-002



## METHOD / ANALYST SUMMARY

Client: United Transportation Group Inc.

Job Number: 510-51171-1

Method	Analyst	Analyst ID
1664A 1664A	Yanna, Bridget A	BAY

## SAMPLE SUMMARY

Client: United Transportation Group Inc.

Job Number: 510-51171-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
510-51171-1	URS 9004	Water	04/06/2010 1030	04/07/2010 1100

## **SAMPLE RESULTS**

Mr. Fred Davis  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, IN 46312

Job Number: 510-51171-1  
Lab Sample Id: 510-51171-1  
Client Matrix: Water  
Date Sampled: 04/06/2010 1030  
Date Received: 04/07/2010 1100

Client Sample ID: URS 9004

**GENERAL CHEMISTRY**

HEM (Oil & Grease)

Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
42	mg/L	2.2	1664A		04/12/2010 0908	1.1

## **QUALITY CONTROL RESULTS**

## Quality Control Results

Client: United Transportation Group Inc.

Job Number: 510-51171-1

### Method Blank - Batch: 510-61959

Method: 1664A  
Preparation: N/A

Lab Sample ID: MB 510-61959/1  
Client Matrix: Water  
Dilution: 1.02  
Date Analyzed: 04/12/2010 0908  
Date Prepared: N/A

Analysis Batch: 510-61959  
Prep Batch: N/A  
Units: mg/L

Instrument ID: GBALA  
Lab File ID: N/A  
Initial Weight/Volume: 1000 mL  
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	RL
HEM (Oil & Grease)	<2.0		2.0

### Lab Control Sample - Batch: 510-61959

Method: 1664A  
Preparation: N/A

Lab Sample ID: LCS 510-61959/2  
Client Matrix: Water  
Dilution: 1.02  
Date Analyzed: 04/12/2010 0908  
Date Prepared: N/A

Analysis Batch: 510-61959  
Prep Batch: N/A  
Units: mg/L

Instrument ID: GBALA  
Lab File ID: N/A  
Initial Weight/Volume: 1000 mL  
Final Weight/Volume: 1000 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
HEM (Oil & Grease)	41.1	39.2	95	78 - 114	

## Login Sample Receipt Check List

Client: United Transportation Group Inc.

Job Number: 510-51171-1

Login Number: 51171

List Source: TestAmerica Valparaiso

Creator: Looney, Christina M

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

**TestAmerica Valparaiso**  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Phone (219) 464-2389 Fax (219) 462-2953

### Chain of Custody Record

**TestAmerica**  
THE LEADER IN ENVIRONMENTAL TESTING

[illegible]

Page 70 of 100

04/13/2010



## ANALYTICAL REPORT

Job Number: 510-52359-1

Job Description: Weekly


For:

United Transportation Group Inc.

1150 East 145 Street

East Chicago, IN 46312

Attention: Mr. Fred Davis



Approved for release.  
Diana J Mockler  
Project Manager I  
5/21/2010 4:43 PM

Diana J Mockler  
Project Manager I  
diana.mockler@testamericainc.com  
05/21/2010

The test results in this report meet all NELAC requirements for parameters which accreditation is required or available. Any exceptions to NELAC requirements are noted in this report. Pursuant to NELAC, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the Project Manager who signed this test report. Valparaiso IL EPA Accreditation #100432.

## METHOD SUMMARY

Client: United Transportation Group Inc.

Job Number: 510-52359-1

Description	Lab Location	Method	Preparation Method
Matrix    Water			
HEM and SGT-HEM	TAL VAL	1664A 1664A	

### Lab References:

TAL VAL = TestAmerica Valparaiso

### Method References:

1664A = EPA-821-98-002

---

## METHOD / ANALYST SUMMARY

Client: United Transportation Group Inc.

Job Number: 510-52359-1

Method	Analyst	Analyst ID
1664A 1664A	Talley, KeAndri S	KST

## SAMPLE SUMMARY

Client: United Transportation Group Inc.

Job Number: 510-52359-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
510-52359-1	URS 9036	Water	05/11/2010 1000	05/12/2010 1105

## **SAMPLE RESULTS**

Mr. Fred Davis  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, IN 46312

Job Number: 510-52359-1  
Lab Sample Id: 510-52359-1  
Client Matrix: Water  
Date Sampled: 05/11/2010 1000  
Date Received: 05/12/2010 1105

Client Sample ID: URS 9036

Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GENERAL CHEMISTRY HEM (Oil & Grease)	5.2 mg/L	2.1	1664A		05/20/2010 1522	1.1

## QUALITY CONTROL RESULTS

## Quality Control Results

Client: United Transportation Group Inc.

Job Number: 510-52359-1

### Method Blank - Batch: 510-63736

Method: 1664A  
Preparation: N/A

Lab Sample ID: MB 510-63736/1  
Client Matrix: Water  
Dilution: 1.02  
Date Analyzed: 05/20/2010 1522  
Date Prepared: N/A

Analysis Batch: 510-63736  
Prep Batch: N/A  
Units: mg/L

Instrument ID: GBALA  
Lab File ID: N/A  
Initial Weight/Volume: 1000 mL  
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	RL
HEM (Oil & Grease)	<2.0		2.0

### Lab Control Sample/

### Lab Control Sample Duplicate Recovery Report - Batch: 510-63736

Method: 1664A  
Preparation: N/A

LCS Lab Sample ID: LCS 510-63736/2  
Client Matrix: Water  
Dilution: 1.02  
Date Analyzed: 05/20/2010 1522  
Date Prepared: N/A

Analysis Batch: 510-63736  
Prep Batch: N/A  
Units: mg/L

Instrument ID: GBALA  
Lab File ID: N/A  
Initial Weight/Volume: 1000 mL  
Final Weight/Volume: 1000 mL

LCSD Lab Sample ID: LCSD 510-63736/3  
Client Matrix: Water  
Dilution: 1.02  
Date Analyzed: 05/20/2010 1522  
Date Prepared: N/A

Analysis Batch: 510-63736  
Prep Batch: N/A  
Units: mg/L

Instrument ID: GBALA  
Lab File ID: N/A  
Initial Weight/Volume: 1000 mL  
Final Weight/Volume: 1000 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
HEM (Oil & Grease)	89	87	78 - 114	2	20		



## Login Sample Receipt Check List

Client: United Transportation Group Inc.

Job Number: 510-52359-1

Login Number: 52359

List Source: TestAmerica Valparaiso

Creator: Looney, Christina M

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

## TestAmerica Valparaíso

Valparaiso, IN 46383

Phone (219) 464-2389 Fax (219) 462-2953

## Chain of Custody Record

**TestAmerica**  
THE LEADER IN ENVIRONMENTAL TESTING

THE LEADER IN ENVIRONMENTAL TESTING

[illegible]

Page 10 of 10

05/21/2010



## ANALYTICAL REPORT

Job Number: 510-55320-1

Job Description: Weekly

For:

United Transportation Group Inc.

1150 East 145 Street

East Chicago, IN 46312

Attention: Mr. Fred Davis

Approved for release.  
Diana J Mockler  
Project Manager I  
8/12/2010 9:09 AM

Diana J Mockler  
Project Manager I  
diana.mockler@testamericainc.com  
08/12/2010

The test results in this report meet all NELAC requirements for parameters which accreditation is required or available. Any exceptions to NELAC requirements are noted in this report. Pursuant to NELAC, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the Project Manager who signed this test report. Valparaiso IL EPA Accreditation #100432.

TestAmerica Laboratories, Inc.

TestAmerica Valparaiso 2400 Cumberland Drive, Valparaiso, IN 46383

Tel (219) 464-2389 Fax (219) 462-2953 [www.testamericainc.com](http://www.testamericainc.com)



## METHOD SUMMARY

Client: United Transportation Group Inc.

Job Number: 510-55320-1

Description	Lab Location	Method	Preparation Method
<b>Matrix: Water</b>			
HEM and SGT-HEM	TAL VAL	1664A 1664A	

### Lab References:

TAL VAL = TestAmerica Valparaiso

### Method References:

1664A = EPA-821-98-002

## METHOD / ANALYST SUMMARY

Client: United Transportation Group Inc.

Job Number: 510-55320-1

Method	Analyst	Analyst ID
1664A 1664A	Talley, KeAndri S	KST

## SAMPLE SUMMARY

Client: United Transportation Group Inc.

Job Number: 510-55320-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
510-55320-1	URS 9107	Water	07/29/2010 1000	08/04/2010 1250

## **SAMPLE RESULTS**

Mr. Fred Davis  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, IN 46312

Job Number: 510-55320-1  
Lab Sample Id: 510-55320-1  
Client Matrix: Water  
Date Sampled: 07/29/2010 1000  
Date Received: 08/04/2010 1250

Client Sample ID: URS 9107

**GENERAL CHEMISTRY**  
HEM (Oil & Grease)

Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
27	mg/L	2.1	1664A		08/11/2010 1227	1.0



## **QUALITY CONTROL RESULTS**

## Quality Control Results

Client: United Transportation Group Inc.

Job Number: 510-55320-1

### Method Blank - Batch: 510-67178

Method: 1664A  
Preparation: N/A

Lab Sample ID: MB 510-67178/1  
Client Matrix: Water  
Dilution: 1.02  
Date Analyzed: 08/11/2010 1227  
Date Prepared: N/A

Analysis Batch: 510-67178  
Prep Batch: N/A  
Units: mg/L

Instrument ID: GBALA  
Lab File ID: N/A  
Initial Weight/Volume: 1000 mL  
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	RL
HEM (Oil & Grease)	<2.0		2.0

### Lab Control Sample - Batch: 510-67178

Method: 1664A  
Preparation: N/A

Lab Sample ID: LCS 510-67178/2  
Client Matrix: Water  
Dilution: 1.02  
Date Analyzed: 08/11/2010 1227  
Date Prepared: N/A

Analysis Batch: 510-67178  
Prep Batch: N/A  
Units: mg/L

Instrument ID: GBALA  
Lab File ID: N/A  
Initial Weight/Volume: 1000 mL  
Final Weight/Volume: 1000 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
HEM (Oil & Grease)	40.9	34.2	84	78 - 114	

## Login Sample Receipt Check List

Job Number: 510-55320-1

Client: United Transportation Group Inc.

List Source: TestAmerica Valparaiso

Login Number: 55320  
 Creator: Looney, Christina M  
 List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Phone (219) 464-2389 Fax (219) 462-2953

## THE LEADER IN ENVIRONMENTAL TESTING

08/12/2010

## ANALYTICAL REPORT

Job Number: 510-56315-1

Job Description: Weekly

For:

United Transportation Group Inc.

1150 East 145 Street

East Chicago, IN 46312

Attention: Mr. Fred Davis



Approved for release:  
Diana J Mockler  
Project Manager I  
9/7/2010 12:22 PM

Diana J Mockler  
Project Manager I  
diana.mockler@testamericainc.com  
09/07/2010

The test results in this report meet all NELAC requirements for parameters which accreditation is required or available. Any exceptions to NELAC requirements are noted in this report. Pursuant to NELAC, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the Project Manager who signed this test report. Valparaiso IL EPA Accreditation #100432.

TestAmerica Laboratories, Inc.

TestAmerica Valparaiso 2400 Cumberland Drive, Valparaiso, IN 46383

Tel (219) 464-2389 Fax (219) 462-2953 [www.testamericainc.com](http://www.testamericainc.com)



## METHOD SUMMARY

Client: United Transportation Group Inc.

Job Number: 510-56315-1

Description		Lab Location	Method	Preparation Method
Matrix	Water			
HEM and SGT-HEM		TAL VAL	1664A 1664A	

### Lab References:

TAL VAL = TestAmerica Valparaiso

### Method References:

1664A = EPA-821-98-002

## METHOD / ANALYST SUMMARY

Client: United Transportation Group Inc.

Job Number: 510-56315-1

Method	Analyst	Analyst ID
1664A 1664A	Talley, KeAndri S	KST

## SAMPLE SUMMARY

Client: United Transportation Group Inc.

Job Number: 510-56315-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
510-56315-1	URS 9137	Water	08/31/2010 1030	09/01/2010 1435



## **SAMPLE RESULTS**

Mr. Fred Davis  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, IN 46312

Job Number: 510-56315-1  
Lab Sample Id: 510-56315-1  
Client Matrix: Water  
Date Sampled: 08/31/2010 1030  
Date Received: 09/01/2010 1435

Client Sample ID: URS 9137

**GENERAL CHEMISTRY**  
HEM (Oil & Grease)

Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
46	mg/L	2.1	1664A		09/02/2010 1625	1.0

## **QUALITY CONTROL RESULTS**

## Quality Control Results

Client: United Transportation Group Inc.

Job Number: 510-56315-1

### Method Blank - Batch: 510-68227

Method: 1664A  
Preparation: N/A

Lab Sample ID: MB 510-68227/1  
Client Matrix: Water  
Dilution: 1.02  
Date Analyzed: 09/02/2010 1349  
Date Prepared: N/A

Analysis Batch: 510-68227  
Prep Batch: N/A  
Units: mg/L

Instrument ID: GBALA  
Lab File ID: N/A  
Initial Weight/Volume: 1000 mL  
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	RL
HEM (Oil & Grease)	<2.0		2.0

### Lab Control Sample - Batch: 510-68227

Method: 1664A  
Preparation: N/A

Lab Sample ID: LCS 510-68227/2  
Client Matrix: Water  
Dilution: 1.02  
Date Analyzed: 09/02/2010 1349  
Date Prepared: N/A

Analysis Batch: 510-68227  
Prep Batch: N/A  
Units: mg/L

Instrument ID: GBALA  
Lab File ID: N/A  
Initial Weight/Volume: 1000 mL  
Final Weight/Volume: 1000 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
HEM (Oil & Grease)	40.9	38.2	93	78 - 114	

## Login Sample Receipt Check List

Client: United Transportation Group Inc.

Job Number: 510-56315-1

Login Number: 56315

List Source: TestAmerica Valparaiso

Creator: Looney, Christina M

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

2400 Cumberland Drive  
Valparaiso, IN 46383  
Phone (219) 464-2389 Fax (219) 462-2953

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

[illegible]

Page 10 of 10

09/07/2010

## Table of Contents

Cover Page .....	1
Table of Contents .....	2
Client Sample Results .....	3
QC Sample Results .....	4
Chronicle .....	5
Method Summary .....	6
Sample Summary .....	7
Chain of Custody .....	8
Sample Receipt Checklist .....	9

## Analytical Data

Client: United Transportation Group Inc.  
Project/Site: Weekly

TestAmerica Job ID: 510-57584-1

Client Sample ID: URS 0156

Lab Sample ID: 510-57584-1

Date Collected: 09/30/10 09:30

Matrix: Water

Date Received: 10/06/10 11:00

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	250		2.1		mg/L			10/13/10 11:26	1.042



# Quality Control Data

Client: United Transportation Group Inc.  
Project/Site: Weekly

TestAmerica Job ID: 510-57584-1

## Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-70116/1  
Matrix: Water  
Analysis Batch: 70116

Client Sample ID: MB 510-70116/1  
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
HEM (Oil & Grease)	<2.0		2.0		mg/L			10/13/10 11:26	1.02

Lab Sample ID: LCS 510-70116/2  
Matrix: Water  
Analysis Batch: 70116

Client Sample ID: LCS 510-70116/2  
Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
HEM (Oil & Grease)	41.0	39.7		mg/L		97	78 - 114

## Lab Chronicle

TestAmerica Job ID: 510-57584-1

Client: United Transportation Group Inc.  
Project/Site: Weekly

Lab Sample ID: 510-57584-1

Client Sample ID: URS 8156

Matrix: Water

Date Collected: 09/30/10 09:30

Date Received: 10/06/10 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1.042	70116	10/13/10 11:26	KST	TestAmerica Valparaiso

TestAmerica Valparaiso

10/15/2010

## Method Summary

Client: United Transportation Group Inc.  
Project/Site: Weekly

TestAmerica Job ID: 510-57584-1

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

### Protocol References:

1664A = EPA-821-98-002

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389

## Sample Summary

Client: United Transportation Group Inc.  
Project/Site: Weekly

TestAmerica Job ID: 510-57584-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-57584-1	URS 8156	Water	09/30/10 09:30	10/08/10 11:00

Phone (219) 464-2389 Fax (219) 462-2953

TestAmerica

THE LEADER IN ENVIRONMENTAL TRUTH

Page 8 of 9

10/15/2010

# Login Sample Receipt Check List

Client: United Transportation Group Inc.

Job Number: 510-57584-1

Login Number: 57584

Creator: Looney, Christina M

List Number: 1

List Source: TestAmerica Valparaiso

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Valparaiso  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Tel: (219)464-2389

TestAmerica Job ID: 510-60434-1  
Client Project/Site: Weekly

For:  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, Indiana 46312

Attn: Fred Davis

*Diana Mockler*

Authorized for release by:  
1/4/2011 8:49 AM

Diana Mockler  
Project Manager I  
diana.mockler@testamericainc.com

### LINKS

Review your project  
results through

**TotalAccess**

Have a Question?

**Ask  
The  
Expert**

Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

## Table of Contents

Cover Page .....	1
Table of Contents .....	2
Client Sample Results .....	3
QC Sample Results .....	4
Chronicle .....	5
Method Summary .....	6
Sample Summary .....	7
Chain of Custody .....	8
Sample Receipt Checklist .....	9



## Analytical Data

Client: United Transportation Group Inc.  
Project/Site: Weekly

TestAmerica Job ID: 510-60434-1

Client Sample ID: URS 8209

Lab Sample ID: 510-60434-1

Date Collected: 12/23/10 10:00

Matrix: Water

Date Received: 12/23/10 10:15

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	41		2.0		mg/L			12/31/10 11:30	1.02

# Quality Control Data

Client: United Transportation Group Inc.  
Project/Site: Weekly

TestAmerica Job ID: 510-60434-1

## Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-73978/1  
Matrix: Water  
Analysis Batch: 73978

Client Sample ID: MB 510-73978/1  
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	<2.0		2.0		mg/L			12/31/10 11:30	1.02

Lab Sample ID: LCS 510-73978/2  
Matrix: Water  
Analysis Batch: 73978

Client Sample ID: LCS 510-73978/2  
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec Limits
HEM (Oil & Grease)	41.0	40.3		mg/L		98	78 - 114

## Lab Chronicle

Client: United Transportation Group Inc.  
Project/Site: Weekly

TestAmerica Job ID: 510-60434-1

Client Sample ID: URS 8209

Lab Sample ID: 510-60434-1

Date Collected: 12/23/10 10:00

Matrix: Water

Date Received: 12/23/10 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1.02	73978	12/31/10 11:30	CM	TestAmerica Valparaiso

## Method Summary

Client: United Transportation Group Inc.  
Project/Site: Weekly

TestAmerica Job ID: 510-60434-1

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

**Protocol References:**

1664A = EPA-821-98-002

**Laboratory References:**

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389

## Sample Summary

Client: United Transportation Group Inc.  
Project/Site: Weekly

TestAmerica Job ID: 510-60434-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-60434-1	URS 8209	Water	12/23/10 10:00	12/23/10 10:15

[illegible]

## Login Sample Receipt Check List

Client: United Transportation Group Inc.

Job Number: 510-60434-1

Login Number: 60434

List Source: TestAmerica Valparaiso

Creator: Looney, Christina M

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	





# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Valparaiso  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Tel: (219)464-2389

TestAmerica Job ID: 510-62696-1  
Client Project/Site: Grease & Oil

For:  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, Indiana 46312

Attn: Fred Davis

*Diana Mockler*

Authorized for release by:  
03/04/2011 07:38:39 AM

Diana Mockler  
Project Manager I  
diana.mockler@testamericainc.com

### LINKS

Review your project  
results through  
**Total Access**

Have a Question?

**Ask  
The  
Expert**

Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

## Table of Contents

Cover Page .....	1
Table of Contents .....	2
Client Sample Results .....	3
QC Sample Results .....	4
Chronicle .....	5
Certification Summary .....	6
Method Summary .....	7
Sample Summary .....	8
Chain of Custody .....	9
Sample Receipt Checklist .....	10

## Analytical Data

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-62696-1

Client Sample ID: URS 0259

Lab Sample ID: 510-62696-1

Date Collected: 02/24/11 10:30

Matrix: Water

Date Received: 03/02/11 10:25

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	69		2.1		mg/L			03/03/11 07:52	1.053

## Quality Control Data

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-62696-1

Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-76777/1

Matrix: Water

Analysis Batch: 76777

Client Sample ID: MB 510-76777/1

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
HEM (Oil & Grease)	<2.0		2.0		mg/L			03/03/11 07:52	1.02

Lab Sample ID: LCS 510-76777/2

Matrix: Water

Analysis Batch: 76777

Client Sample ID: LCS 510-76777/2

Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec Limits
		Result	Qualifier				
HEM (Oil & Grease)	40.9	37.6		mg/L		92	78 - 114

## Lab Chronicle

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-62696-1

Client Sample ID: URS 8259

Lab Sample ID: 510-62696-1

Date Collected: 02/24/11 10:30

Matrix: Water

Date Received: 03/02/11 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1.053	76777	03/03/11 07:52	CM	TestAmerica Valparaiso

## Certification Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-62696-1

Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica Valparaiso		USDA		P330-11-00073	02/09/14
TestAmerica Valparaiso	Illinois	NELAC	5	100432	01/31/11
TestAmerica Valparaiso	Indiana	State Program	5	M-64-4	12/31/13
TestAmerica Valparaiso	Indiana	State Program	5	C-64-01	11/24/12
TestAmerica Valparaiso	Kentucky	Kentucky UST	4	57	11/30/11
TestAmerica Valparaiso	New Hampshire	NELAC	1	2837	01/31/12
TestAmerica Valparaiso	Washington	State Program	10	C842	08/18/11

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

\* Any expired certifications in this list are currently pending renewal and are considered valid.

## Method Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-62696-1

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

### Protocol References:

1664A = EPA-821-98-002

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389

## Sample Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-62696-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-62696-1	URS 8259	Water	02/24/11 10:30	03/02/11 10:25



03/04/2011

## Login Sample Receipt Check List

Client: United Transportation Group Inc.

Job Number: 510-62696-1

Login Number: 62696

Creator: Looney, Christina M

List Source: TestAmerica Valparaiso

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Valparaiso  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Tel: (219)464-2389

TestAmerica Job ID: 510-65947-1  
Client Project/Site: Grease & Oil

For:  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, Indiana 46312

Attn: Mr. Fred Davis

*Diana Mockler*

Authorized for release by:  
06/10/2011 08:47:45 AM

Diana Mockler  
Project Manager I  
diana.mockler@testamericainc.com

### LINKS

Review your project  
results through

**TotalAccess**

Have a Question?

**Ask  
The  
Expert**

Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

## Table of Contents

Cover Page .....	1
Table of Contents .....	2
Definitions .....	3
Client Sample Results .....	4
QC Sample Results .....	5
Chronicle .....	6
Certification Summary .....	7
Method Summary .....	8
Sample Summary .....	9
Chain of Custody .....	10
Sample Receipt Checklist .....	11

## Definitions/Glossary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-65947-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

## Client Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-65947-1

Client Sample ID: URS 8326

Lab Sample ID: 510-65947-1

Date Collected: 05/26/11 10:15

Matrix: Water

Date Received: 06/01/11 11:00

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	140		2.1		mg/L			06/08/11 08:46	1

## QC Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-65947-1

### Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-81613/1

Matrix: Water

Analysis Batch: 81613

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	<2.0		2.0		mg/L			06/08/11 08:46	1

Lab Sample ID: LCS 510-81613/2

Matrix: Water

Analysis Batch: 81613

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
HEM (Oil and Grease)	40.9	35.6		mg/L		87	78 - 114

## Lab Chronicle

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-65947-1

Client Sample ID: URS 8326

Lab Sample ID: 510-65947-1

Date Collected: 05/26/11 10:15

Matrix: Water

Date Received: 06/01/11 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1	81613	06/08/11 08:46	BAH	TAL VAL

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389



## Certification Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-65947-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Valparaiso	Illinois	NELAC	5	200065
TestAmerica Valparaiso	Indiana	State Program	5	C-64-01
TestAmerica Valparaiso	Indiana	State Program	5	M-64-4
TestAmerica Valparaiso	Kentucky	Kentucky UST	4	57
TestAmerica Valparaiso	New Hampshire	NELAC	1	2837
TestAmerica Valparaiso	USDA	USDA	0	P330-11-00073
TestAmerica Valparaiso	Washington	State Program	10	C842

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

## Method Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-65947-1

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

### Protocol References:

1664A = EPA-821-98-002

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389



## Sample Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-65947-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-65947-1	URS 8326	Water	05/26/11 10:15	06/01/11 11:00



THE LEADER IN ENVIRONMENTAL TESTING

06/10/2017

## Login Sample Receipt Checklist

Client: United Transportation Group Inc.

Job Number: 510-65947-1

Login Number: 65947

List Source: TestAmerica Valparaiso

List Number: 1

Creator: Looney, Christina M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Valparaíso  
2400 Cumberland Drive  
Valparaíso, IN 46383  
Tel: (219)464-2389

TestAmerica Job ID: 510-67581-1  
Client Project/Site: Grease & Oil

For:  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, Indiana 46312

Attn: Mr. Fred Davis

*Diana Mockler*

Authorized for release by:  
07/21/2011 11:03:55 AM

Diana Mockler  
Project Manager I  
diana.mockler@testamericainc.com

### LINKS

Review your project  
results through

**Total Access**

Have a Question?

**Ask  
The  
Expert**

Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

## Table of Contents

Cover Page .....	1
Table of Contents .....	2
Definitions .....	3
Client Sample Results .....	4
QC Sample Results .....	5
Chronicle .....	6
Certification Summary .....	7
Method Summary .....	8
Sample Summary .....	9
Chain of Custody .....	10
Receipt Checklists .....	11





## Definitions/Glossary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-67581-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

## Client Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-67581-1

Client Sample ID: URS 8361

Lab Sample ID: 510-67581-1

Date Collected: 07/12/11 11:00

Matrix: Water

Date Received: 07/13/11 11:00

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	170		2.0		mg/L			07/20/11 08:33	1

## QC Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-67581-1

### Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-83815/1

Matrix: Water

Analysis Batch: 83815

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	<2.0		2.0		mg/L			07/20/11 08:33	1

Lab Sample ID: LCS 510-83815/2

Matrix: Water

Analysis Batch: 83815

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
HEM (Oil and Grease)	40.9	38.6		mg/L		94	78 - 114

## Lab Chronicle

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-67581-1

Client Sample ID: URS 8361

Date Collected: 07/12/11 11:00

Date Received: 07/13/11 11:00

Lab Sample ID: 510-67581-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1	83815	07/20/11 08:33	BAH	TAL VAL

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389

## Certification Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-67581-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Valparaiso	Illinois	NELAC	5	200065
TestAmerica Valparaiso	Indiana	State Program	5	C-64-01
TestAmerica Valparaiso	Indiana	State Program	5	M-64-4
TestAmerica Valparaiso	Kentucky	Kentucky UST	4	57
TestAmerica Valparaiso	New Hampshire	NELAC	1	2837
TestAmerica Valparaiso	USDA	USDA		P330-11-00073
TestAmerica Valparaiso	Washington	State Program	10	C842

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.



## Method Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-67581-1

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

### Protocol References:

1664A = EPA-821-98-002

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389



## Sample Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-67581-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-67581-1	URS 8361	Water	07/12/11 11:00	07/13/11 11:00



Phone (219) 464-2389 Fax (219) 462-2953

TestAmerica

THE LEADER IN ENVIRONMENTAL TECHNOLOGY

Client Information

Client Contact:

Mr. Fred Davis

Company:

United Transportation Group Inc.

Address:

1150 East 145 Street

City:

East Chicago

State, Zip:

IN, 46312

Phone:

Email:

waterguy@tankercleaning.com

Project Name:

Grease & Oil

Site:

Sample:

Fred Davis

Lab PM:

Mockler, Diana J

E-Mail:

diana.mockler@testamericainc.com

Carrier Tracking No(s):

COC No:

510-B288.1

Page:

Page 1 of 1

Job #:

Due Date Requested:

TAT Requested (days):

PO #:

Purchase Order not requir

WO #:

Project #:

51000083

SSOW#:

Sample Type

(C=Comp, G=grab)

Matrix

(W=water, S=solid, O=oil, A=air)

Sample Date

7-12

Sample Time

1100

Sample Type

Grab

Matrix

Water

Analysis Requested

1664A, Calc - HEM (Oil & Grease)

Preservation Codes:

A - HCL

B - NaOH

C - Zn Acetate

D - Nitric Acid

E - NaHSO4

F - MeOH

G - Amchlor

H - Ascorbic Acid

I - Ice

J - DI Water

K - EDTA

L - EDA

M - Hexane

N - None

O - AsNaO2

P - Na2O4S

Q - Na2SO3

R - Na2S2O3

S - H2SO4

T - TSP Dodacahydrate

U - Acetone

V - MCAA

W - ph 4-5

Z - other (specify)

Other:

Special Instructions/Note:

Possible Hazard Identification

☐ Non-Hazard

☐ Flammable

☐ Skin Irritant

☐ Poison B

☐ Unknown

☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Empty Kit Relinquished by:

Relinquished by:

Mandy Bremb

Relinquished by:

Relinquished by:

Custody Seals Intact:

☐ Yes ☐ No

Custody Seal No.:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client

☐ Disposal By Lab

☐ Archive For

Months

Special Instructions/QC Requirements:

Date:

7-13-11

Time:

0840

Company:

VT

Date:

7-13-11

Time:

1100

Company:

TestAmerica

Date:

7-13-11

Time:

0840

Company:

TestAmerica

Date:

7-13-11

Time:

1100

Company:

TestAmerica

Cooler Temperature(s) °C and Other Remarks:

1.3°C Corrosive Temp 6.6°C 510-B288-09

Client Information

Client Contact:

Mr. Fred Davis

Company:

United Transportation Group Inc.

Address:

1150 East 145 Street

City:

East Chicago

State, Zip:

IN, 46312

Phone:

Email:

waterguy@tankercleaning.com

Project Name:

Grease & Oil

Site:

Sample:

Fred Davis

Lab PM:

Mockler, Diana J

E-Mail:

diana.mockler@testamericainc.com

Carrier Tracking No(s):

COC No:

510-B288.1

Page:

Page 1 of 1

Job #:

Due Date Requested:

TAT Requested (days):

PO #:

Purchase Order not requir

WO #:

Project #:

51000083

SSOW#:

Sample Type

(C=Comp, G=grab)

Matrix

(W=water, S=solid, O=oil, A=air)

Sample Date

7-12

Sample Time

1100

Sample Type

Grab

Matrix

Water

Analysis Requested

1664A, Calc - HEM (Oil & Grease)

Preservation Codes:

A - HCL

B - NaOH

C - Zn Acetate

D - Nitric Acid

E - NaHSO4

F - MeOH

G - Amchlor

H - Ascorbic Acid

I - Ice

J - DI Water

K - EDTA

L - EDA

M - Hexane

N - None

O - AsNaO2

P - Na2O4S

Q - Na2SO3

R - Na2S2O3

S - H2SO4

T - TSP Dodacahydrate

U - Acetone

V - MCAA

W - ph 4-5

Z - other (specify)

Other:

Special Instructions/Note:

Possible Hazard Identification

☐ Non-Hazard

☐ Flammable

☐ Skin Irritant

☐ Poison B

☐ Unknown

☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Empty Kit Relinquished by:

Relinquished by:

Mandy Bremb

Relinquished by:

Relinquished by:

Custody Seals Intact:

☐ Yes ☐ No

Custody Seal No.:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client

☐ Disposal By Lab

☐ Archive For

Months

Special Instructions/QC Requirements:

Date:

7-13-11

Time:

0840

Company:

VT

Date:

7-13-11

Time:

1100

Company:

TestAmerica

Date:

7-13-11

Time:

0840

Company:

TestAmerica

Date:

7-13-11

Time:

1100

Company:

TestAmerica

Cooler Temperature(s) °C and Other Remarks:

1.3°C Corrosive Temp 6.6°C 510-B288-09

Client Information

Client Contact:

Mr. Fred Davis

Company:

United Transportation Group Inc.

Address:

1150 East 145 Street

City:

East Chicago

State,

Page 10 of 11

0/12/2011



## Login Sample Receipt Checklist

Client: United Transportation Group Inc.

Job Number: 510-67581-1

Login Number: 67581

List Source: TestAmerica Valparaiso

List Number: 1

Creator: Looney, Christina M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Valparaiso  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Tel: (219)464-2389

TestAmerica Job ID: 510-70031-1  
Client Project/Site: Grease & Oil

For:  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, Indiana 46312

Attn: Mr. Fred Davis

*Diana Mockler*

Authorized for release by:  
09/26/2011 07:53:30 AM

Diana Mockler  
Project Manager I  
diana.mockler@testamericainc.com

### LINKS

Review your project  
results through

**TotalAccess**

Have a Question?

**? Ask  
The  
Expert**

Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

*Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

## Table of Contents

Cover Page .....	1
Table of Contents .....	2
Definitions .....	3
Client Sample Results .....	4
QC Sample Results .....	5
Chronicle .....	6
Certification Summary .....	7
Method Summary .....	8
Sample Summary .....	9
Chain of Custody .....	10
Receipt Checklists .....	11

## Definitions/Glossary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-70031-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Client Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-70031-1

Client Sample ID: URS 8402

Lab Sample ID: 510-70031-1

Date Collected: 09/07/11 11:00

Matrix: Water

Date Received: 09/15/11 11:15

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	71		2.2		mg/L			09/22/11 08:58	1

## QC Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-70031-1

### Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-86969/1

Matrix: Water

Analysis Batch: 86969

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
HEM (Oil and Grease)	<2.0		2.0		mg/L			09/22/11 08:58	1

Lab Sample ID: LCS 510-86969/2

Matrix: Water

Analysis Batch: 86969

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
HEM (Oil and Grease)	40.8	37.4		mg/L		92	78 - 114

## Lab Chronicle

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-70031-1

Client Sample ID: URS 8402

Lab Sample ID: 510-70031-1

Date Collected: 09/07/11 11:00

Matrix: Water

Date Received: 09/15/11 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1	86969	09/22/11 08:58	BAH	TAL VAL

**Laboratory References:**

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389



## Certification Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-70031-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Valparaiso	Illinois	NELAC	5	200065
TestAmerica Valparaiso	Indiana	State Program	5	C-64-01
TestAmerica Valparaiso	Indiana	State Program	5	M-64-4
TestAmerica Valparaiso	Kentucky	Kentucky UST	4	57
TestAmerica Valparaiso	New Hampshire	NELAC	1	2837
TestAmerica Valparaiso	USDA	USDA		P330-11-00073
TestAmerica Valparaiso	Washington	State Program	10	C842

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

## Method Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-70031-1

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

**Protocol References:**

1664A = EPA-821-98-002

**Laboratory References:**

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389

## Sample Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-70031-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-70031-1	URS 8402	Water	09/07/11 11:00	09/15/11 11:15

## Login Sample Receipt Checklist

Client: United Transportation Group Inc.

Job Number: 510-70031-1

Login Number: 70031

List Number: 1

Creator: Looney, Christina M

List Source: TestAmerica Valparaiso

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Valparaiso  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Tel: (219)464-2389

TestAmerica Job ID: 510-71601-1  
Client Project/Site: Grease & Oil

For:  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, Indiana 46312

Attn: Mr. Fred Davis

*Diana Mockler*

Authorized for release by:  
11/03/2011 10:57:51 AM

Diana Mockler  
Project Manager I  
diana.mockler@testamericainc.com

### LINKS

Review your project  
results through  
**Total Access**

Have a Question?

**? Ask  
The  
Expert**

Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

## Table of Contents

Cover Page .....	1
Table of Contents .....	2
Definitions .....	3
Client Sample Results .....	4
QC Sample Results .....	5
Chronicle .....	6
Certification Summary .....	7
Method Summary .....	8
Sample Summary .....	9
Chain of Custody .....	10
Receipt Checklists .....	11

## Definitions/Glossary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-71601-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Client Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-71601-1

Client Sample ID: URS 8438

Lab Sample ID: 510-71601-1

Date Collected: 10/26/11 10:00

Matrix: Water

Date Received: 10/26/11 13:10

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	230		2.0		mg/L			11/02/11 10:38	1



## QC Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-71601-1

### Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-89118/1

Matrix: Water

Analysis Batch: 89118

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	<2.0		2.0		mg/L			11/02/11 10:38	1

Lab Sample ID: LCS 510-89118/2

Matrix: Water

Analysis Batch: 89118

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	% Rec. Limits
HEM (Oil and Grease)	40.8	41.9		mg/L		103	78 - 114

## Lab Chronicle

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-71601-1

Client Sample ID: URS 8438

Lab Sample ID: 510-71601-1

Date Collected: 10/26/11 10:00

Matrix: Water

Date Received: 10/26/11 13:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1	89118	11/02/11 10:38	CM	TAL VAL

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389

## Certification Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-71601-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Valparaiso	Illinois	NELAC	5	200065
TestAmerica Valparaiso	Indiana	State Program	5	C-64-01
TestAmerica Valparaiso	Indiana	State Program	5	M-64-4
TestAmerica Valparaiso	Kentucky	Kentucky UST	4	57
TestAmerica Valparaiso	New Hampshire	NELAC	1	2837
TestAmerica Valparaiso	USDA	USDA		P330-11-00073
TestAmerica Valparaiso	Washington	State Program	10	C842

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

## Method Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-71601-1

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

**Protocol References:**

1664A = EPA-821-98-002

**Laboratory References:**

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389

## Sample Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-71601-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-71601-1	URS 8438	Water	10/26/11 10:00	10/26/11 13:10



Phone (219) 464-2389 Fax (219) 462-2953

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

[illegible]

## Login Sample Receipt Checklist

Client: United Transportation Group Inc.

Job Number: 510-71601-1

Login Number: 71601

List Source: TestAmerica Valparaiso

List Number: 1

Creator: Looney, Christina M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.





# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Valparaíso  
2400 Cumberland Drive  
Valparaíso, IN 46383  
Tel: (219)464-2389

TestAmerica Job ID: 510-72344-1  
Client Project/Site: Grease & Oil

For:  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, Indiana 46312

Attn: Mr. Fred Davis

*Diana Mockler*

Authorized for release by:  
11/17/2011 2:18:16 PM

Diana Mockler  
Project Manager I  
diana.mockler@testamericainc.com

### LINKS

Review your project  
results through

**TotalAccess**

Have a Question?

**Ask  
The  
Expert**

Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*



## Table of Contents

Cover Page .....	1
Table of Contents .....	2
Definitions .....	3
Client Sample Results .....	4
QC Sample Results .....	5
Chronicle .....	6
Certification Summary .....	7
Method Summary .....	8
Sample Summary .....	9
Chain of Custody .....	10
Receipt Checklists .....	11



## Definitions/Glossary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-72344-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☆	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Client Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-72344-1

Client Sample ID: URS 8449

Lab Sample ID: 510-72344-1

Date Collected: 11/09/11 09:00

Matrix: Water

Date Received: 11/16/11 11:05

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	6.6		2.3		mg/L			11/17/11 08:52	1

## QC Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-72344-1

### Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-89840/1	Client Sample ID: Method Blank
Matrix: Water	Prep Type: Total/NA
Analysis Batch: 89840	

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
HEM (Oil and Grease)	<2.0		2.0		mg/L			11/17/11 08:52	1

Lab Sample ID: LCS 510-89840/2	Client Sample ID: Lab Control Sample
Matrix: Water	Prep Type: Total/NA
Analysis Batch: 89840	

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
	Added	Result	Qualifier					
HEM (Oil and Grease)	40.8	37.7		mg/L		92		78 - 114



## Lab Chronicle

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-72344-1

Client Sample ID: URS 8449

Lab Sample ID: 510-72344-1

Date Collected: 11/09/11 09:00

Matrix: Water

Date Received: 11/16/11 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1	89840	11/17/11 08:52	CM	TAL VAL

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389

## Certification Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-72344-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Valparaiso	Illinois	NELAC	5	200065
TestAmerica Valparaiso	Indiana	State Program	5	C-64-01
TestAmerica Valparaiso	Indiana	State Program	5	M-64-4
TestAmerica Valparaiso	Kentucky	Kentucky UST	4	57
TestAmerica Valparaiso	New Hampshire	NELAC	1	2837
TestAmerica Valparaiso	USDA	USDA		P330-11-00073
TestAmerica Valparaiso	Washington	State Program	10	C842

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

## Method Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-72344-1

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

**Protocol References:**

1664A = EPA-821-98-002

**Laboratory References:**

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389





## Sample Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-72344-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-72344-1	URS 8449	Water	11/09/11 09:00	11/16/11 11:05



Phone (219) 464-2389 Fax (219) 462-2953

## TestAmerica

THE LEADER IN ENVIRONMENTAL TRENDS

[illegible]

Cooler Temperature(s) °C and Other Remarks: 1.4°C Corrected Temp 1.7°C 510 28.14-

## Login Sample Receipt Checklist

Client: United Transportation Group Inc.

Job Number: 510-72344-1

Login Number: 72344

List Source: TestAmerica Valparaiso

List Number: 1

Creator: Looney, Christina M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Valparaíso  
2400 Cumberland Drive  
Valparaíso, IN 46383  
Tel: (219)464-2389

TestAmerica Job ID: 510-74111-1  
Client Project/Site: Grease & Oil

For:  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, Indiana 46312

Attn: Mr. Fred Davis

*Diana Mockler*

Authorized for release by:  
1/12/2012 2:06:14 PM

Diana Mockler  
Project Manager I  
diana.mockler@testamericainc.com

### LINKS

Review your project  
results through

**Total Access**

Have a Question?

**? Ask  
The  
Expert**

Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



## Table of Contents

Cover Page .....	1
Table of Contents .....	2
Definitions .....	3
Client Sample Results .....	4
QC Sample Results .....	5
Chronicle .....	6
Certification Summary .....	7
Method Summary .....	8
Sample Summary .....	9
Chain of Custody .....	10
Receipt Checklists .....	11

## Definitions/Glossary

TestAmerica Job ID: 510-74111-1

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Client Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-74111-1

Client Sample ID: URS 8485

Lab Sample ID: 510-74111-1

Date Collected: 12/29/11 11:30

Matrix: Water

Date Received: 01/04/12 11:13

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	80		2.2		mg/L			01/11/12 08:47	1



## QC Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-74111-1

### Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-92223/1

Matrix: Water

Analysis Batch: 92223

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	<2.0		2.0		mg/L			01/11/12 08:47	1

Lab Sample ID: LCS 510-92223/2

Matrix: Water

Analysis Batch: 92223

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil and Grease)	40.8	36.4		mg/L		89	78 - 114

## Lab Chronicle

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-74111-1

Client Sample ID: URS 8485

Lab Sample ID: 510-74111-1

Date Collected: 12/29/11 11:30

Matrix: Water

Date Received: 01/04/12 11:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1	92223	01/11/12 08:47	BAH	TAL-VAL

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389

## Certification Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-74111-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Valparaiso	Illinois	NELAC	5	200065
TestAmerica Valparaiso	Indiana	State Program	5	C-64-01
TestAmerica Valparaiso	Indiana	State Program	5	M-64-4
TestAmerica Valparaiso	Kentucky	Kentucky UST	4	57
TestAmerica Valparaiso	New Hampshire	NELAC	1	2837
TestAmerica Valparaiso	USDA	USDA		P330-11-00073
TestAmerica Valparaiso	Washington	State Program	10	C842

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

## Method Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-74111-1

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

### Protocol References:

1664A = EPA-821-98-002

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389



## Sample Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-74111-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-74111-1	URS 8485	Water	12/29/11 11:30	01/04/12 11:13



2400 Cumberland Drive  
Valparaiso, IN 46383  
Phone (219) 464-2389 Fax (219) 462-2953

## TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

[illegible]

## Login Sample Receipt Checklist

Client: United Transportation Group Inc.

Job Number: 510-74111-1

Login Number: 74111

List Source: TestAmerica Valparaiso

List Number: 1

Creator: Looney, Christina M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.





# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Valparaiso  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Tel: (219)464-2389

TestAmerica Job ID: 510-77327-1  
Client Project/Site: Grease & Oil

For:  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, Indiana 46312

Attn: Mr. Fred Davis

*Diana Mockler*

Authorized for release by:  
4/9/2012 8:54:26 AM

Diana Mockler  
Project Manager I  
diana.mockler@testamericainc.com

### LINKS

Review your project  
results through

**Total Access**

Have a Question?

**Ask  
The  
Expert**

Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

1

2

3

4

5

6

7

8

9

10

11

## Table of Contents

Cover Page .....	1
Table of Contents .....	2
Definitions .....	3
Client Sample Results .....	4
QC Sample Results .....	5
Chronicle .....	6
Certification Summary .....	7
Method Summary .....	8
Sample Summary .....	9
Chain of Custody .....	10
Receipt Checklists .....	11

## Definitions/Glossary

TestAmerica Job ID: 510-77327-1

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Client Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-77327-1

Client Sample ID: URS 8549

Lab Sample ID: 510-77327-1

Date Collected: 03/29/12 10:00

Matrix: Water

Date Received: 04/02/12 14:50

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	290		2.0		mg/L			04/04/12 09:13	1

# QC Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-77327-1

## Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-96120/1  
Matrix: Water  
Analysis Batch: 96120

Client Sample ID: Method Blank  
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	<2.0		2.0		mg/L			04/04/12 09:13	1

Lab Sample ID: LCS 510-96120/2  
Matrix: Water  
Analysis Batch: 96120

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil and Grease)	40.9	38.3		mg/L		94	78 - 114

## Lab Chronicle

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-77327-1

Client Sample ID: URS 8549

Lab Sample ID: 510-77327-1

Date Collected: 03/29/12 10:00

Matrix: Water

Date Received: 04/02/12 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1	96120	04/04/12 09:13	CM	TAL VAL

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389

## Certification Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-77327-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Valparaiso	Illinois	NELAC	5	200065
TestAmerica Valparaiso	Indiana	State Program	5	C-64-01
TestAmerica Valparaiso	Indiana	State Program	5	M-64-4
TestAmerica Valparaiso	Kentucky (UST)	State Program	4	57
TestAmerica Valparaiso	New Hampshire	NELAC	1	2837
TestAmerica Valparaiso	USDA	Federal		P330-11-00073
TestAmerica Valparaiso	Washington	State Program	10	C842

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

## Method Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-77327-1

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

**Protocol References:**

1664A = EPA-821-98-002

**Laboratory References:**

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389



## Sample Summary

TestAmerica Job ID: 510-77327-1

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-77327-1	URS 8549	Water	03/29/12 10:00	04/02/12 14:50



2400 Cumberland Drive  
Valparaiso, IN 46383  
Phone (219) 464-2389 Fax (219) 462-2953

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

[illegible]

## Login Sample Receipt Checklist

Client: United Transportation Group Inc.

Job Number: 510-77327-1

Login Number: 77327

List Source: TestAmerica Valparaiso

List Number: 2

Creator: Richter, Debbie D

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Valparaiso  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Tel: (219)464-2389

TestAmerica Job ID: 510-78080-1  
Client Project/Site: Grease & Oil

For:  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, Indiana 46312

Attn: Mr. Fred Davis

*Diana Mockler*

Authorized for release by:  
5/2/2012 3:27:28 PM

Diana Mockler  
Project Manager I  
diana.mockler@testamericainc.com

### LINKS

Review your project  
results through

**Total Access**

Have a Question?

**Ask  
The  
Expert**

Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAP and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

## Table of Contents

Cover Page .....	1
Table of Contents .....	2
Definitions .....	3
Client Sample Results .....	4
QC Sample Results .....	5
Chronicle .....	6
Certification Summary .....	7
Method Summary .....	8
Sample Summary .....	9
Chain of Custody .....	10
Receipt Checklists .....	11

## Definitions/Glossary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-78080-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
⚙	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Client Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-78080-1

Client Sample ID: URS 8566

Lab Sample ID: 510-78080-1

Date Collected: 04/18/12 10:30

Matrix: Water

Date Received: 04/24/12 10:55

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	99		2.3		mg/L			05/02/12 09:52	1



## QC Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-78080-1

### Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-97505/1  
Matrix: Water  
Analysis Batch: 97505

Client Sample ID: Method Blank  
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	<2.0		2.0		mg/L			05/02/12 09:52	1

Lab Sample ID: LCS 510-97505/2  
Matrix: Water  
Analysis Batch: 97505

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil and Grease)	40.8	38.0		mg/L		93	78 - 114

## Lab Chronicle

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-78080-1

Client Sample ID: URS 8566

Lab Sample ID: 510-78080-1

Date Collected: 04/18/12 10:30

Matrix: Water

Date Received: 04/24/12 10:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1	880 mL	1000 mL	97505	05/02/12 09:52	BAH	TAL VAL

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389

## Certification Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-78080-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Valparaiso	Illinois	NELAC	5	200065
TestAmerica Valparaiso	Indiana	State Program	5	C-84-01
TestAmerica Valparaiso	Indiana	State Program	5	M-84-4
TestAmerica Valparaiso	Kentucky (UST)	State Program	4	57
TestAmerica Valparaiso	New Hampshire	NELAC	1	2837
TestAmerica Valparaiso	USDA	Federal		P330-11-00073
TestAmerica Valparaiso	Washington	State Program	10	C842

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

## Method Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-78080-1

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

### Protocol References:

1664A = EPA-821-98-002

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389

## Sample Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-78080-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-78080-1	URS 8566	Water	04/18/12 10:30	04/24/12 10:55



## Testimerica Valparaíso

2400 Cumberland Drive  
Valparaiso, IN 46383  
Phone (219) 464-2389 Fax (219) 462-2953

### Chain of Custody Record

TestAmerica

**THE LEADER IN ENVIRONMENTAL TESTING**

Client Information		Sample: Fred Davis		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 510-8288.1	
Client Contact: Mr. Fred Davis		Phone:		E-Mail: diana.mockler@testamericainc.com				Page: Page 1 of 1	
Company: United Transportation Group Inc.						Analysis Requested			
Address: 1150 East 145 Street		Dup Date Requested:		1664A Calc - HEM (Oil & Grease)				Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - ph 4-5 Z - other (specify)  Other:	
City: East Chicago		TAT Requested (days):							
State, Zip: IN, 46312		PO #:							
Phone:		Purchase Order not requir							
Email: waterguy@tankercleaning.com		WO #:							
Project Name: Grease & Oil		Project #:							
Site:		SSOW#:							
Sample Identification: 75080		Sample Date:		Sample Type (C=Comp, G=Grab)		Matrix (W=water, B=solid, O=oils/greases, A=Air)			
URS 8566		4-18-12		Grab		Water		Special Instructions/Note:	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological									
Deliverable Requested: I, II, III, IV, Other (specify)					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months				
Empty Kit Relinquished by: [Signature]					Special Instructions/QC Requirements:				
Relinquished by: [Signature]		Date: 4-24-12 0850		Company: UTG		Received by: Mandy Brembt		Date/Time: 4-24-12 0850	
Relinquished by: Mandy Brembt		Date/Time: 4-24-12 1055		Company: TestAmerica		Received by: [Signature]		Date/Time: 4-24-12 1055	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: Field cooler is 3.9°C corrected temps 3.8°C					

## Login Sample Receipt Checklist

Client: United Transportation Group Inc.

Job Number: 510-78080-1

Login Number: 78080

List Source: TestAmerica Valparaiso

List Number: 3

Creator: Rainwater, Nicole L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.







# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Valparaiso  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Tel: (219)464-2389

TestAmerica Job ID: 510-79158-1  
Client Project/Site: Grease & Oil

For:  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, Indiana 46312

Attn: Mr. Fred Davis

*Diana Mockler*

Authorized for release by:  
6/1/2012 8:01:59 AM

Diana Mockler  
Project Manager I  
diana.mockler@testamericainc.com

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?

**?** Ask  
The  
Expert

Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

1

2

3

4

5

6

7

8

9

10

11

## Table of Contents

Cover Page .....	1
Table of Contents .....	2
Definitions .....	3
Client Sample Results .....	4
QC Sample Results .....	5
Chronicle .....	6
Certification Summary .....	7
Method Summary .....	8
Sample Summary .....	9
Chain of Custody .....	10
Receipt Checklists .....	12



## Definitions/Glossary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79158-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Client Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79158-1

Client Sample ID: URS 8590

Lab Sample ID: 510-79158-1

Date Collected: 05/21/12 09:00

Matrix: Water

Date Received: 05/24/12 12:00

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	20		2.2		mg/L			05/31/12 08:46	1

## QC Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79158-1

### Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-98839/1

Matrix: Water

Analysis Batch: 98839

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	<2.0		2.0		mg/L			05/31/12 08:45	1

Lab Sample ID: LCS 510-98839/2

Matrix: Water

Analysis Batch: 98839

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil and Grease)	40.9	41.2		mg/L		101	78 - 114

## Lab Chronicle

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79158-1

Client Sample ID: URS 8590

Lab Sample ID: 510-79158-1

Date Collected: 05/21/12 09:00

Matrix: Water

Date Received: 05/24/12 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1684A		1	910 mL	1000 mL	98839	05/31/12 08:45	LWN	TAL VAL

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389

## Certification Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79158-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Valparaiso	Illinois	NELAC	5	200065
TestAmerica Valparaiso	Indiana	State Program	5	C-64-01
TestAmerica Valparaiso	Indiana	State Program	5	M-64-4
TestAmerica Valparaiso	Kentucky (UST)	State Program	4	57
TestAmerica Valparaiso	New Hampshire	NELAC	1	2837
TestAmerica Valparaiso	USDA	Federal		P330-11-00073
TestAmerica Valparaiso	Washington	State Program	10	C842

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

## Method Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79158-1

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

**Protocol References:**

1664A = EPA-821-98-002

**Laboratory References:**

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389



## Sample Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79158-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-79158-1	URS 8590	Water	05/21/12 09:00	05/24/12 12:00

**TestAmerica Valparaiso**  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Phone (219) 464-2389 Fax (219) 462-2953

### Chain of Custody Record

**TestAmerica**  
THE LEADER IN ENVIRONMENTAL TESTING

[illegible]

5/24/2012

# Login Container Summary Report

510-79158

Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> <u>pH</u>	<u>Preservative</u> <u>Added (mls)</u>	<u>Lot #</u>
URS 8590	510-79158-A-1	Amber Glass 1 liter Wide -	-	-	-



ME 5-24-12

## Login Sample Receipt Checklist

Client: United Transportation Group Inc.

Job Number: 510-79158-1

Login Number: 79158

List Source: TestAmerica Valparaiso

List Number: 3

Creator: Richter, Debbie D

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Valparaiso  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Tel: (219)464-2389

TestAmerica Job ID: 510-79658-1  
Client Project/Site: Grease & Oil

For:  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, Indiana 46312

Attn: Mr. Fred Davis

*Diana Mockler*

Authorized for release by:  
6/15/2012 7:47:28 AM

Diana Mockler  
Project Manager I  
diana.mockler@testamericainc.com

### LINKS

Review your project  
results through

**Total Access**

Have a Question?

**Ask  
The  
Expert**

Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

1

2

3

4

5

6

7

8

9

10

11

## Table of Contents

Cover Page .....	1
Table of Contents .....	2
Definitions .....	3
Client Sample Results .....	4
QC Sample Results .....	5
Chronicle .....	6
Certification Summary .....	7
Method Summary .....	8
Sample Summary .....	9
Chain of Custody .....	10
Receipt Checklists .....	12

## Definitions/Glossary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79658-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Client Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79658-1

Client Sample ID: URS 8601

Lab Sample ID: 510-79658-1

Date Collected: 06/05/12 11:00

Matrix: Water

Date Received: 06/06/12 11:40

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	120		2.3		mg/L			06/13/12 09:05	1



## QC Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79658-1

### Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-99424/1

Matrix: Water

Analysis Batch: 99424

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	<2.0		2.0		mg/L			06/13/12 09:05	1

Lab Sample ID: LCS 510-99424/2

Matrix: Water

Analysis Batch: 99424

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil and Grease)	40.9	37.2		mg/L		91	78 - 114

## Lab Chronicle

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79658-1

Client Sample ID: URS 8601

Lab Sample ID: 510-79658-1

Date Collected: 06/05/12 11:00

Matrix: Water

Date Received: 06/06/12 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1	880 mL	1000 mL	99424	06/13/12 09:05	BTG	TAL VAL

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389

## Certification Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79658-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Valparaiso	Illinois	NELAC	5	200065
TestAmerica Valparaiso	Indiana	State Program	5	C-64-01
TestAmerica Valparaiso	Indiana	State Program	5	M-64-4
TestAmerica Valparaiso	Kentucky (UST)	State Program	4	57
TestAmerica Valparaiso	New Hampshire	NELAC	1	2837
TestAmerica Valparaiso	USDA	Federal		P330-11-00073
TestAmerica Valparaiso	Washington	State Program	10	C842

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

## Method Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79658-1

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

**Protocol References:**

1664A = EPA-821-98-002

**Laboratory References:**

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389

## Sample Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79658-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-79658-1	URS 8601	Water	06/05/12 11:00	06/06/12 11:40

2400 Cumberland Drive  
Valparaiso, IN 46383  
Phone (219) 464-2389 Fax (219) 462-2953

TestAmerica

THE LEADER OF ENVIRONMENTAL TESTING

[illegible]

6/6/2012

# Login Container Summary Report

510-79658

Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> <u>pH</u>	<u>Preservative</u> <u>Added (mls)</u>	<u>Lot #</u>
URS 8601	510-79658-A-1	Amber Glass 1 liter Wide -	_____	_____	_____

*NE 6-6-12*

## Login Sample Receipt Checklist

Client: United Transportation Group Inc.

Job Number: 510-79658-1

Login Number: 79658

List Source: TestAmerica Valparaiso

List Number: 4

Creator: Rainwater, Nicole L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Valparaiso  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Tel: (219)464-2389

TestAmerica Job ID: 510-79967-1  
Client Project/Site: Grease & Oil

For:  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, Indiana 46312

Attn: Mr. Fred Davis

*Diana Mockler*

Authorized for release by:  
6/22/2012 8:55:40 AM

Diana Mockler  
Project Manager I  
diana.mockler@testamericainc.com

### LINKS

Review your project  
results through

**TotalAccess**

Have a Question?

**Ask  
The  
Expert**

Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

1

2

3

4

5

6

7

8

9

10

11



## Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions . . . . .	3
Client Sample Results . . . . .	4
QC Sample Results . . . . .	5
Chronicle . . . . .	6
Certification Summary . . . . .	7
Method Summary . . . . .	8
Sample Summary . . . . .	9
Chain of Custody . . . . .	10
Receipt Checklists . . . . .	12





## Definitions/Glossary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79967-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)



## Client Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79967-1

Client Sample ID: URS 8607

Lab Sample ID: 510-79967-1

Date Collected: 06/12/12 10:15

Matrix: Water

Date Received: 06/14/12 10:15

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	15		2.4		mg/L			06/20/12 08:19	1





## QC Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79967-1

### Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-99788/1  
Matrix: Water  
Analysis Batch: 99788

Client Sample ID: Method Blank  
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	<2.0		2.0		mg/L			06/20/12 08:19	1

Lab Sample ID: LCS 510-99788/2  
Matrix: Water  
Analysis Batch: 99788

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil and Grease)	41.0	38.6		mg/L		94	78 - 114



## Lab Chronicle

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79967-1

Client Sample ID: URS 8607

Lab Sample ID: 510-79967-1

Date Collected: 06/12/12 10:15

Matrix: Water

Date Received: 06/14/12 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1	850 mL	1000 mL	99788	06/20/12 08:19	BAH	TAL VAL

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389



## Certification Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79967-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Valparaiso	Illinois	NELAC	5	200065
TestAmerica Valparaiso	Indiana	State Program	5	C-64-01
TestAmerica Valparaiso	Indiana	State Program	5	M-64-4
TestAmerica Valparaiso	Kentucky (UST)	State Program	4	57
TestAmerica Valparaiso	New Hampshire	NELAC	1	2837
TestAmerica Valparaiso	USDA	Federal		P330-11-00073
TestAmerica Valparaiso	Washington	State Program	10	C842

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.



## Method Summary

TestAmerica Job ID: 510-79967-1

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

**Protocol References:**

1664A = EPA-821-98-002

**Laboratory References:**

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389





## Sample Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-79967-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-79967-1	URS 8607	Water	06/12/12 10:15	06/14/12 10:15





## Chain of Custody Record

[illegible]



6/14/2012

# Login Container Summary Report

510-79967

Temperature report

Client Sample ID	Lab ID	Container Type	Container	Preservative	Lot #
			pH	Added (mls)	
URS 8607	510-79967-A-1	Amber Glass 1 liter Wide -	-		

DR 6/14/12



## Login Sample Receipt Checklist

Client: United Transportation Group Inc.

Job Number: 510-79967-1

Login Number: 79967

List Source: TestAmerica Valparaiso

List Number: 4

Creator: Richter, Debbie D

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.







# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Valparaiso  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Tel: (219)464-2389

TestAmerica Job ID: 510-81170-1  
Client Project/Site: Grease & Oil

For:  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, Indiana 46312

Attn: Mr. Fred Davis

Diana Mockler

Authorized for release by:  
7/24/2012 4:20:35 PM

Diana Mockler  
Project Manager I  
diana.mockler@testamericainc.com

### LINKS

Review your project  
results through

**Total Access**

Have a Question?

**Ask  
The  
Expert**

Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAP and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*





## Table of Contents

Cover Page .....	1
Table of Contents .....	2
Definitions .....	3
Client Sample Results .....	4
QC Sample Results .....	5
Chronicle .....	6
Certification Summary .....	7
Method Summary .....	8
Sample Summary .....	9
Chain of Custody .....	10
Receipt Checklists .....	12





## Definitions/Glossary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-81170-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)



## Client Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-81170-1

Client Sample ID: URS 8626

Lab Sample ID: 510-81170-1

Date Collected: 07/10/12 09:30

Matrix: Water

Date Received: 07/16/12 13:20

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	380		2.4		mg/L			07/24/12 07:52	1





## QC Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-81170-1

### Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-101504/1

Matrix: Water

Analysis Batch: 101504

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	<2.0		2.0		mg/L			07/24/12 07:52	1

Lab Sample ID: LCS 510-101504/2

Matrix: Water

Analysis Batch: 101504

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil and Grease)	40.8	36.5		mg/L		89	78 - 114



## Lab Chronicle

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-81170-1

Client Sample ID: URS 8626

Lab Sample ID: 510-81170-1

Date Collected: 07/10/12 09:30

Matrix: Water

Date Received: 07/16/12 13:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1	820 mL	1000 mL	101504	07/24/12 07:52	BAH	TAL VAL

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389



## Certification Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-81170-1

### Laboratory: TestAmerica Valparaiso

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Illinois	NELAC	5	200065	01-31-13
Indiana	State Program	5	M-64-4	12-31-13
Indiana	State Program	5	C-64-01	11-24-12
Kentucky (UST)	State Program	4	57	02-01-13
New Hampshire	NELAC	1	2837	01-31-13
USDA	Federal		P330-11-00073	02-09-14
Washington	State Program	10	C842	08-18-12



## Method Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-81170-1

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

**Protocol References:**

1664A = EPA-821-98-002

**Laboratory References:**

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389





## Sample Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-81170-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-81170-1	URS 8626	Water	07/10/12 09:30	07/16/12 13:20





**TestAmerica Valparaiso**  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Phone (219) 464-2389 Fax (219) 462-2953

### Chain of Custody Record

**TestAmerica**  
THE LEADER IN ENVIRONMENTAL TESTING

[illegible]



7/16/2012

# Login Container Summary Report

510-81170

Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> <u>pH</u>	<u>Preservative</u> <u>Added (mls)</u>	<u>Lot #</u>
URS 8626	510-81170-A-1	Amber Glass 1 liter Wide - Sulfuric	—	—	—

DR 7/14/12



## Login Sample Receipt Checklist

Client: United Transportation Group Inc.

Job Number: 510-81170-1

Login Number: 81170

List Source: TestAmerica Valparaiso

List Number: 4

Creator: Richter, Debbie D

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.





# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Valparaiso  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Tel: (219)464-2389

TestAmerica Job ID: 510-83400-1  
Client Project/Site: Grease & Oil

For:  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, Indiana 46312

Attn: Mr. Fred Davis

*Diana Mockler*

Authorized for release by:  
9/20/2012 7:58:53 AM

Diana Mockler  
Project Manager I  
diana.mockler@testamericainc.com

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?

**? Ask  
The  
Expert**

Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

1

2

3

4

5

6

7

8

9

10

11

12



## Table of Contents

Cover Page .....	1
Table of Contents .....	2
Definitions .....	3
Case Narrative .....	4
Client Sample Results .....	5
QC Sample Results .....	6
Chronicle .....	7
Certification Summary .....	8
Method Summary .....	9
Sample Summary .....	10
Chain of Custody .....	11
Receipt Checklists .....	13





## Definitions/Glossary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-83400-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☆	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)



## Case Narrative

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-83400-1

**Job ID: 510-83400-1**

**Laboratory: TestAmerica Valparaiso**

### Narrative

Job Narrative  
510-83400-1

### Comments

No additional comments.

### Receipt

The sample was received on 9/12/2012 8:20 AM; the sample arrived in good condition, properly preserved and, where required, on ice.  
The temperature of the cooler at receipt was 18.7° C.

### Except:

The sample was received at the laboratory outside the required temperature criteria - no ice.

### General Chemistry

No analytical or quality issues were noted.







## Client Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-83400-1

Client Sample ID: URS 8675

Lab Sample ID: 510-83400-1

Date Collected: 09/11/12 09:30

Matrix: Water

Date Received: 09/12/12 08:20

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	29		2.2		mg/L			09/19/12 10:14	1



## QC Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-83400-1

### Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-104147/4

Matrix: Water

Analysis Batch: 104147

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	Result	Qualifier			mg/L			09/19/12 10:14	1
	<2.0		2.0						

Lab Sample ID: LCS 510-104147/5

Matrix: Water

Analysis Batch: 104147

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
HEM (Oil and Grease)	Added	Result	Qualifier	mg/L			Limits
	41.1	38.3				88	78 - 114



## Lab Chronicle

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-83400-1

Client Sample ID: URS 8675

Lab Sample ID: 510-83400-1

Date Collected: 09/11/12 09:30

Matrix: Water

Date Received: 09/12/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1	920 mL	1000 mL	104147	09/19/12 10:14	BTG	TAL VAL

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389



## Certification Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-83400-1

### Laboratory: TestAmerica Valparaiso

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Illinois	NELAC	5	200065	01-31-13
Indiana	State Program	5	M-64-4	12-31-13
Indiana	State Program	5	C-64-01	11-24-12
Kentucky (UST)	State Program	4	57	02-01-13
New Hampshire	NELAC	1	2837	01-31-13
USDA	Federal		P330-11-00073	02-09-14
Washington	State Program	10	C842	08-18-13





## Method Summary

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

TestAmerica Job ID: 510-83400-1

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

### Protocol References:

1664A = EPA-821-98-002

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389





## Sample Summary

TestAmerica Job ID: 510-83400-1

Client: United Transportation Group Inc.  
Project/Site: Grease & Oil

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-83400-1	URS 8875	Water	09/11/12 09:30	09/12/12 08:20





Phone (219) 464-2389 Fax (219) 462-2953

TestAmerica

THE BILBOES IN ENGLISH: THE BILBOES

[illegible]



9/12/2012

# Login Container Summary Report

510-83400

Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> <u>pH</u>	<u>Preservative</u> <u>Added (mls)</u>	<u>Lot #</u>
URS 8675	510-83400-A-1	Amber Glass 1 liter Wide - Sulfuric	—	—	—

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12

ENC 12  
9-11-12  
ENC  
9-12-12





## Login Sample Receipt Checklist

Client: United Transportation Group Inc.

Job Number: 510-83400-1

Login Number: 83400

List Source: TestAmerica Valparaiso

List Number: 4

Creator: Crofton, Erin N

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	No ice per client request.
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Valparaiso  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Tel: (219)464-2389

TestAmerica Job ID: 510-85233-1  
Client Project/Site: Grease and Oil

For:  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, Indiana 46312

Attn: Mr. Fred Davis

Diana Mockler

Authorized for release by:  
11/5/2012 4:24:24 PM

Diana Mockler  
Project Manager I  
diana.mockler@testamericainc.com

### LINKS

Review your project  
results through

**TotalAccess**

Have a Question?

**Ask  
The  
Expert**

Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.





## Table of Contents

Cover Page .....	1
Table of Contents .....	2
Definitions .....	3
Client Sample Results .....	4
QC Sample Results .....	5
Chronicle .....	6
Certification Summary .....	7
Method Summary .....	8
Sample Summary .....	9
Chain of Custody .....	10
Receipt Checklists .....	12





## Definitions/Glossary

Client: United Transportation Group Inc.  
Project/Site: Grease and Oil

TestAmerica Job ID: 510-85233-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
✖	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
RER	Relative error ratio
DER	Duplicate error ratio (normalized absolute difference)
DLC	Decision level concentration
RL	Reporting Limit or Requested Limit (Radiochemistry only)





## Client Sample Results

TestAmerica Job ID: 510-85233-1

Client: United Transportation Group Inc.  
Project/Site: Grease and Oil

Client Sample ID: URS 8712

Lab Sample ID: 510-85233-1

Date Collected: 10/29/12 08:30

Matrix: Water

Date Received: 10/30/12 10:30

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	<2.1		2.1		mg/L			11/05/12 09:44	1



## QC Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease and Oil

TestAmerica Job ID: 510-85233-1

### Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-106322/3  
Matrix: Water  
Analysis Batch: 106322

Client Sample ID: Method Blank  
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	<2.0		2.0		mg/L			11/05/12 09:44	1

Lab Sample ID: LCS 510-106322/4  
Matrix: Water  
Analysis Batch: 106322

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil and Grease)	41.0	39.0		mg/L		95	78 - 114



## Lab Chronicle

Client: United Transportation Group Inc.  
Project/Site: Grease and Oil

TestAmerica Job ID: 510-85233-1

Client Sample ID: URS 8712

Lab Sample ID: 510-85233-1

Date Collected: 10/29/12 08:30

Matrix: Water

Date Received: 10/30/12 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1	940 mL	1000 mL	106322	11/05/12 09:44	BAH	TAL VAL

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389



## Certification Summary

TestAmerica Job ID: 510-85233-1

Client: United Transportation Group Inc.  
Project/Site: Grease and Oil

### Laboratory: TestAmerica Valparaiso

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Illinois	NELAC	5	200065	01-31-13
Indiana	State Program	5	M-64-4	12-31-13
Indiana	State Program	5	C-64-01	11-24-12
Kentucky (UST)	State Program	4	57	02-01-13
New Hampshire	NELAC	1	2837	01-31-13
USDA	Federal		P330-11-00073	02-09-14
Washington	State Program	10	C842	08-18-13





## Method Summary

TestAmerica Job ID: 510-85233-1

Client: United Transportation Group Inc.  
Project/Site: Grease and Oil

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

**Protocol References:**

1664A = EPA-821-98-002

**Laboratory References:**

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389



## Sample Summary

Client: United Transportation Group Inc.  
Project/Site: Grease and Oil

TestAmerica Job ID: 510-85233-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-85233-1	URS 8712	Water	10/29/12 08:30	10/30/12 10:30





[illegible]

THE LEADER IN ENVIRONMENTAL TESTING

## Chain of Custody Record

ଉତ୍କଳ

71072012

1664A\_Calc - HEM (Oil & Grease)

Total Number of containers: 60

1 2 3 4 5 6 7 8 9 10



10/30/2012

# Login Container Summary Report

510-85233

Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> <u>pH</u>	<u>Preservative</u> <u>Added (mls)</u>	<u>Lot #</u>
URS 8712	510-85233-A-1	Amber Glass 1 liter Wide - Sulfuric	—	—	—

ENC  
10/30/12





## Login Sample Receipt Checklist

Client: United Transportation Group Inc.

Job Number: 510-85233-1

Login Number: 85233

List Source: TestAmerica Valparaiso

List Number: 1

Creator: Crofton, Erin N

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Valparaiso  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Tel: (219)464-2389

TestAmerica Job ID: 510-86326-1  
Client Project/Site: Grease and Oil

For:  
United Transportation Group Inc.  
1150 East 145 Street  
East Chicago, Indiana 46312

Attn: Mr. Fred Davis



Authorized for release by:  
12/7/2012 10:39:54 AM

Diana Mockler  
Project Manager I  
diana.mockler@testamericainc.com

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?

 **Ask  
The  
Expert**

Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

1

2

3

4

5

6

7

8

9

10

11



## Table of Contents

Cover Page .....	1
Table of Contents .....	2
Definitions .....	3
Client Sample Results .....	4
QC Sample Results .....	5
Chronicle .....	6
Certification Summary .....	7
Method Summary .....	8
Sample Summary .....	9
Chain of Custody .....	10
Receipt Checklists .....	12





## Definitions/Glossary

TestAmerica Job ID: 510-86326-1

Client: United Transportation Group Inc.

Project/Site: Grease and Oil

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☆	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)





## Client Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease and Oil

TestAmerica Job ID: 510-86326-1

Client Sample ID: URS 8734

Lab Sample ID: 510-86326-1

Date Collected: 11/29/12 10:30

Matrix: Water

Date Received: 11/30/12 11:05

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil and Grease)	54		2.1		mg/L			12/06/12 10:04	1



## QC Sample Results

Client: United Transportation Group Inc.  
Project/Site: Grease and Oil

TestAmerica Job ID: 510-86326-1

### Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 510-107725/1  
Matrix: Water  
Analysis Batch: 107725

Client Sample ID: Method Blank  
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
HEM (Oil and Grease)	<2.0		2.0		mg/L			12/06/12 10:04	1

Lab Sample ID: LCS 510-107725/2  
Matrix: Water  
Analysis Batch: 107725

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil and Grease)	41.0	37.7		mg/L		92	78 - 114



## Lab Chronicle

Client: United Transportation Group Inc.  
Project/Site: Grease and Oil

TestAmerica Job ID: 510-86326-1

Client Sample ID: URS 8734

Lab Sample ID: 510-86326-1

Date Collected: 11/29/12 10:30

Matrix: Water

Date Received: 11/30/12 11:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1664A		1	960 mL	1000 mL	107725	12/06/12 10:04	LWN	TAL VAL

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389



## Certification Summary

TestAmerica Job ID: 510-86326-1

Client: United Transportation Group Inc.  
Project/Site: Grease and Oil

### Laboratory: TestAmerica Valparaiso

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Illinois	NELAC	5	200065	01-31-13
Indiana	State Program	5	M-64-4	12-31-13
Indiana	State Program	5	C-64-01	11-26-15
Kentucky (UST)	State Program	4	57	02-01-13
New Hampshire	NELAC	1	2637	01-31-13
USDA	Federal		P330-11-00073	02-09-14
Washington	State Program	10	C842	08-18-13





## Method Summary

TestAmerica Job ID: 510-86326-1

Client: United Transportation Group Inc.  
Project/Site: Grease and Oil

Method	Method Description	Protocol	Laboratory
1664A	HEM and SGT-HEM	1664A	TAL VAL

### Protocol References:

1664A = EPA-821-98-002

### Laboratory References:

TAL VAL = TestAmerica Valparaiso, 2400 Cumberland Drive, Valparaiso, IN 46383, TEL (219)464-2389



## Sample Summary

Client: United Transportation Group Inc.  
Project/Site: Grease and Oil

TestAmerica Job ID: 510-86326-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
510-86326-1	URS 8734	Water	11/29/12 10:30	11/30/12 11:05





TestAmerica Valparaiso  
2400 Cumberland Drive  
Valparaiso, IN 46383  
Phone (219) 464-2389 Fax (219) 462-2953

# Chain of Custody Record

TestAmerica  
THE LEADER IN ENVIRONMENTAL TESTING

<b>Client Information</b>		Sampler: <b>Fred Davis</b>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 510-6288.1	
Client Contact: Mr. Fred Davis		Phone:		E-Mail: diana.mockler@testamericainc.com				Page: Page 1 of 1	
Company: United Transportation Group Inc.								Job #:	
Address: 1150 East 145 Street		Due Date Requested:		<b>Analysis Requested</b>					
City: East Chicago		TAT Requested (days):							
State, Zip: IN, 46312									
Phone:		PO #:							
Email: wateryguy@tankercleaning.com		Purchase Order not requir.							
Project Name: Grease & Oil		Project #: 51000083		1647A, Calc - HEM (Oil & Grease)					
Site:		SSOW#:							
86324									
Sample Identification:		Sample Type (O=Comp, G=grab)							
URS 8734		Water							
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					
				1647A, Calc - HEM (Oil & Grease)					



11/30/2012

# Login Container Summary Report

510-86326

Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> <u>pH</u>	<u>Preservative</u> <u>Added (mls)</u>	<u>Lot #</u>
URS 8734	510-86326-A-1	Amber Glass 1 liter Wide - Sulfuric	—	—	—

ENC  
11-30-12





## Login Sample Receipt Checklist

Client: United Transportation Group Inc.

Job Number: 510-86326-1

Login Number: 86326

List Source: TestAmerica Valparaíso

List Number: 1

Creator: Richter, Debbie D

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.

